Fire Proof Windows

J. C. Mc. Farland & Co.
Chicago, Ill.

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J. C. McFARLAND EDWIN N. HYDE

Fireproof Windows

Sheet Metal
Frames and Sash Glazed
with Wire Glass

Automatic Closing

STYLES

Standard Frames with Sash pivoted either
Vertically or Horizontally

Regular Frames with Sash Double-hung
Counterbalanced

Casement Windows with Hinged Sash
for Fire Escapes

Interior Partitions, Metal and
Wire Glass

J. C. McFarland & Co.

Twenty-seventh Street and Fifth Avenue

Chicago . Illinois

Telephone South 158

Marshall Field & Co.	Chicago
Schlesinger & Mayer	Chicago
Powers Office Building	Chicago
Armour & Co.	Chicago
Nelson Morris & Co.	Chicago
Lord, Owen & Co.	Chicago
Hamilton Building	Chicago
Railway Exchange Building	Chicago
McCormick Harvester Co.	Chicago
Deering Harvester Co.	Chicago
Chicago Dock Co.	Chicago
Anson's Billiard Hall	Chicago
Ogden, Sheldon & Co.	Chicago
Amberg File & Index Co.	Chicago
Booth Storage Warehouse	Chicago
Ritchie Building	Chicago
Union Stock Yards & Transit Co.	Chicago
Manufacturers' Exhibit Building	Chicago
Hart, Schaffner & Marks	Chicago
Congress Apartment Building	Chicago
Adams Building	Chicago
Rumley Warehouse	Kansas City, Mo.
Richards & Connover Hardware Co.	Kansas City, Mo.
Shukert Building	Kansas City, Mo.
Metropolitan Street Ry. Power House,	Kansas City, Mo.
Metal Roofing & Cornice Co.	Utica, N. Y.
Chittenden & Eastman	Burlington, Iowa
Marshall A. Sanguinet	Fort Worth, Texas

Foreword

THE Automatic Closing Fireproof Window has been before the public long enough to prove its efficiency. The object of the invention is to provide a window, the sash and glass of which will not be destroyed or seriously damaged by fire—that will close automatically when struck by the heat.

It is not necessary to go into a detailed description of its general construction, which is familiar to architects, builders and owners generally. This modern means of providing a safeguard against fire has been in use for the past six years.

Like all new inventions which seemed perfect in theory, practical tests revealed its imperfections. It is the overcoming of these defects of construction that has made the product of J. C. McFarland & Co. so popular and the acknowledged standard of efficiency. They receive the strongest endorsement of fire underwriters, which in itself should be sufficient recommendation.

The mechanical construction of our window is such that it will exclude air better than other makes.

Attention is invited to the list on opposite page of a few of the leading concerns of the country in whose buildings we have installed our product, and to illustrations on the following pages, not only of recent buildings equipped with our product, but of sectional drawings illustrating wherein our construction differs from other makes, a thorough investigation of which is earnestly solicited.

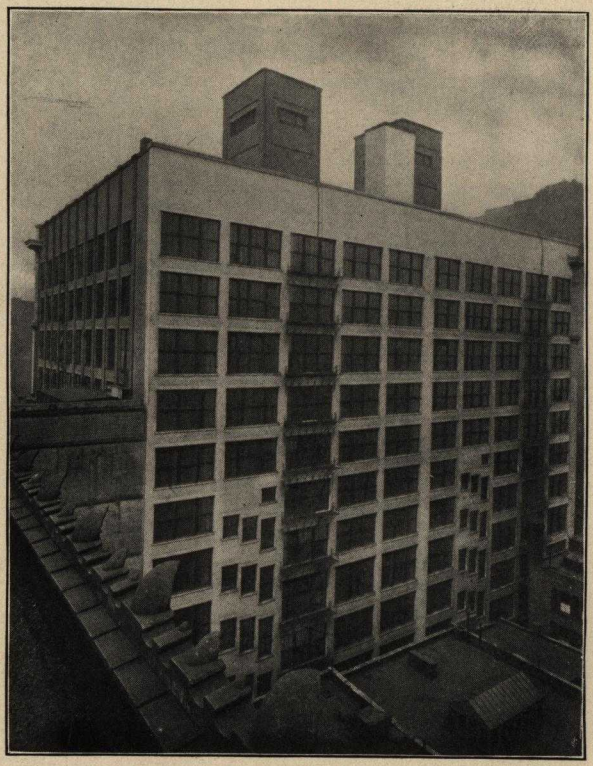
We are contractors in general for all classes of sheet metal work—skylights, glazed structures of all kinds, slate and tile roofing. Contracts taken anywhere.

Estimates cheerfully furnished on application. Plans sent and returned at our expense.

J. C. McFarland & Co.

Twenty-seventh Street and Fifth Avenue

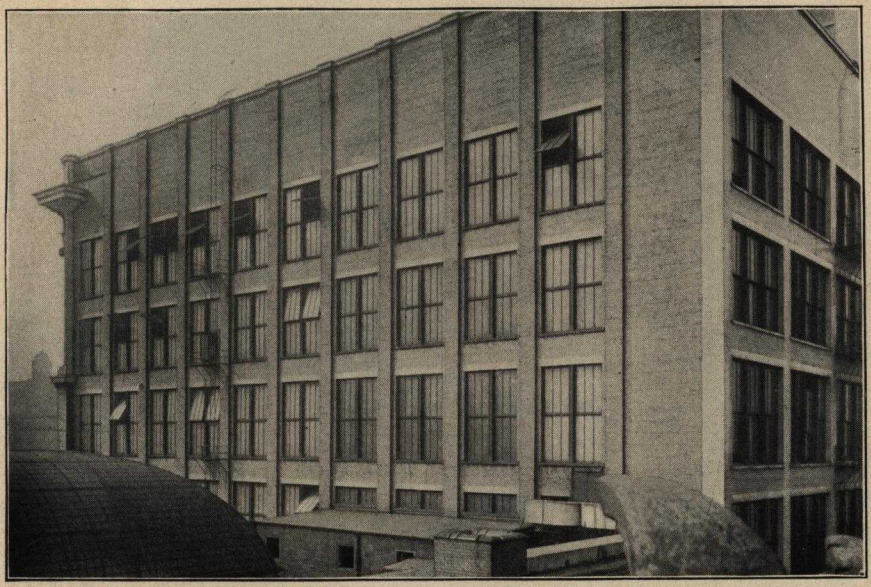
Chicago



NEW RETAIL STORE OF MARSHALL FIELD & CO.
CHICAGO

D. H. Burnham & Co., Architects

East elevation. Equipped with 380 of our double-hung windows.
Average size, 7 x13 feet



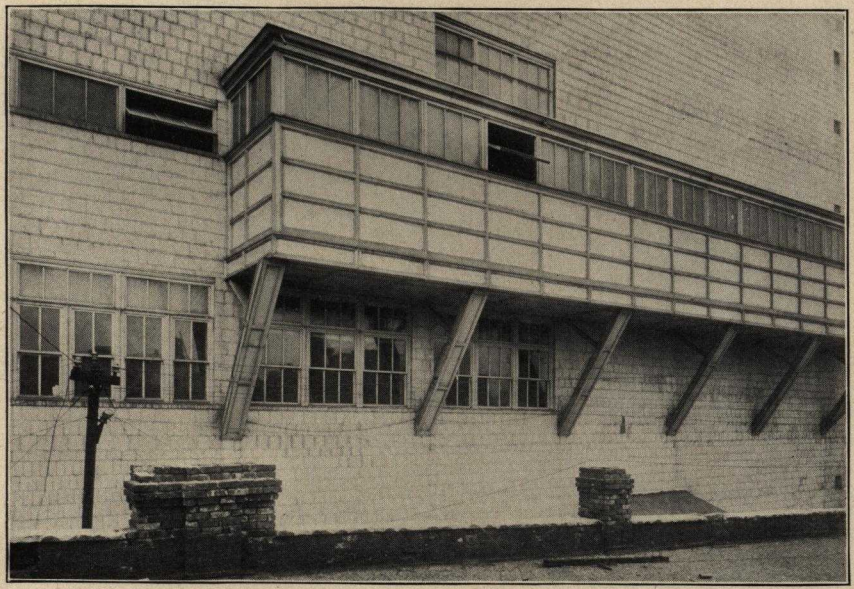
NEW RETAIL STORE OF MARSHALL FIELD & CO.
CHICAGO

South wall equipped with eighty of our Standard pivoted windows, with automatic closing device. Casement doors at fire escapes

SCHLESINGER & MAYER'S NEW RETAIL STORE
CHICAGO

Louis H. Sullivan, Architect Geo. A. Fuller Co., Builders

Portion of east wall equipped entirely with our structures



PORTION OF SOUTH WALL SCHLESINGER & MAYER BUILDING

Double-hung windows with pivoted transoms. Pivoted sash in bridge

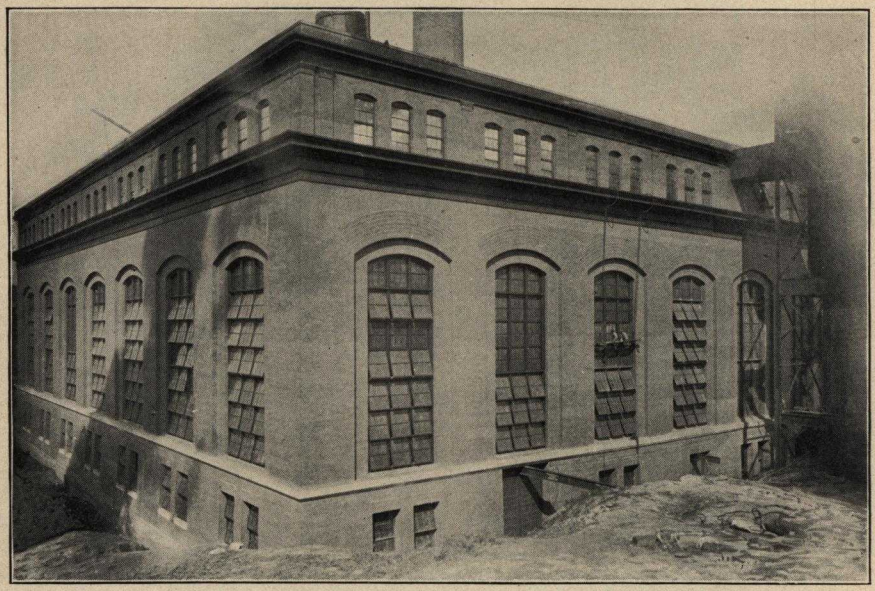
POWERS OFFICE BUILDING
CHICAGO

Holabird & Roche, Architects Wells Bros. Co., Builders

North elevation. Automatic closing double-hung windows used throughout

A PORTION OF THE EAST WALL POWERS BUILDING
CHICAGO

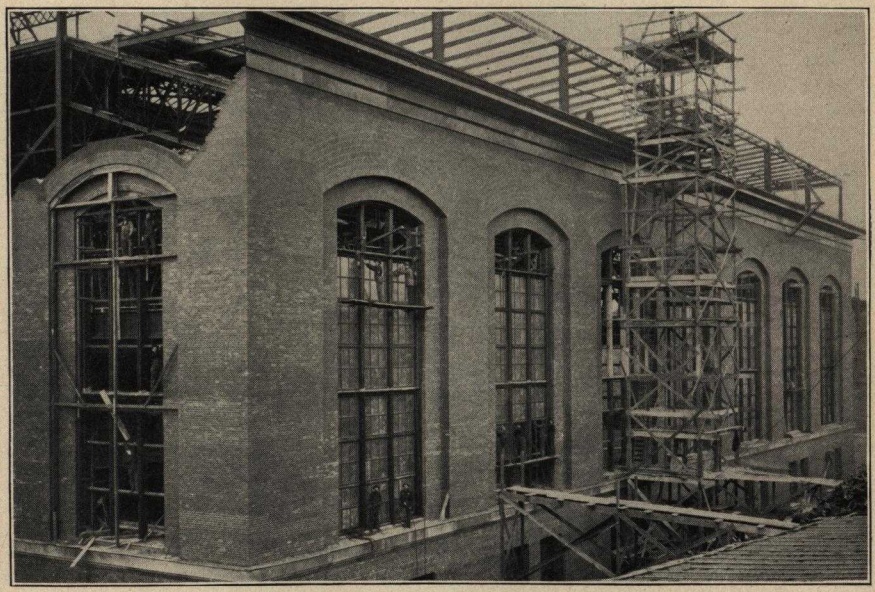
Showing automatic closing double-hung windows



POWER HOUSE METROPOLITAN STREET RAILWAY CO.
KANSAS CITY, MO.

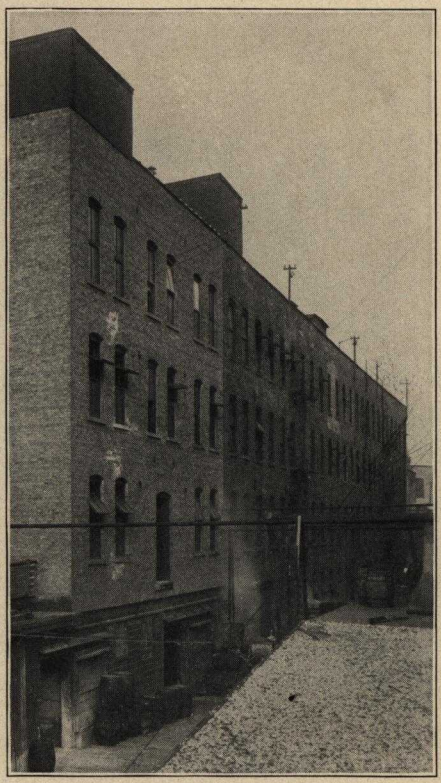
Ford Bacon & Davis, Architects

All exterior and interior windows are our design. Equipped with unison type sash controller. Twenty-six principal openings are of a size 18 x 41 feet



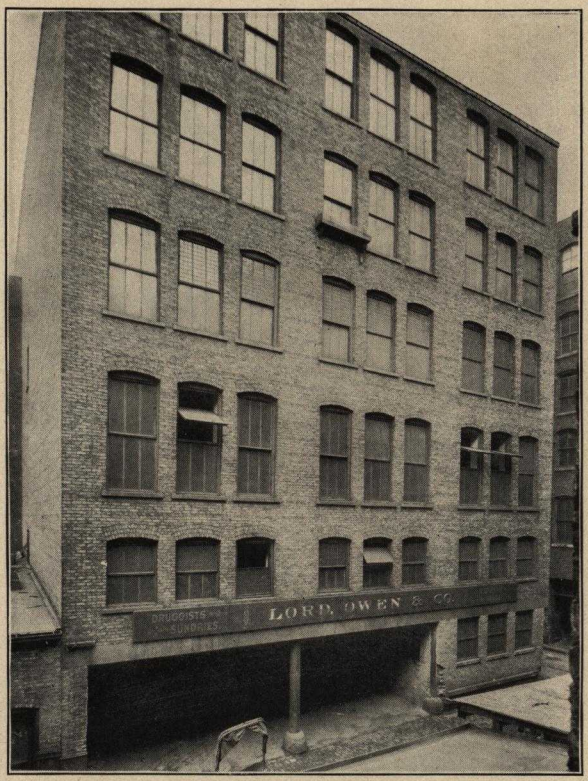
POWER HOUSE METROPOLITAN STREET RAILWAY
KANSAS CITY

In course of construction. Figures of workmen shown give adequate idea of immense size of window openings



ARMOUR & CO'S. SOAP WORKS
Thirty-first and Benson Sts.
CHICAGO

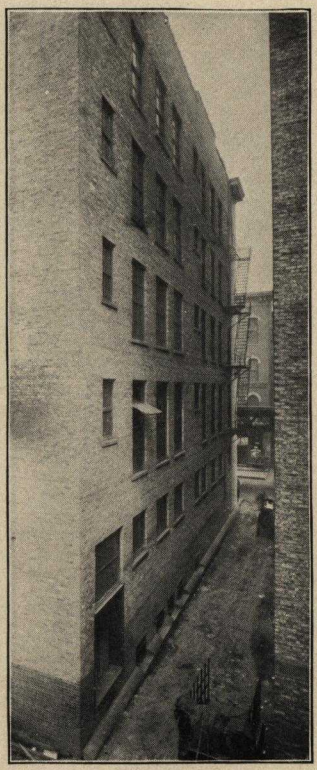
Windows shown here are our Standard pivoted sash, displacing old wooden structures



LORD, OWEN & CO.'S NEW STORE
CHICAGO

D. H. Burnham & Co., Architects

Double-hung and pivoted styles used

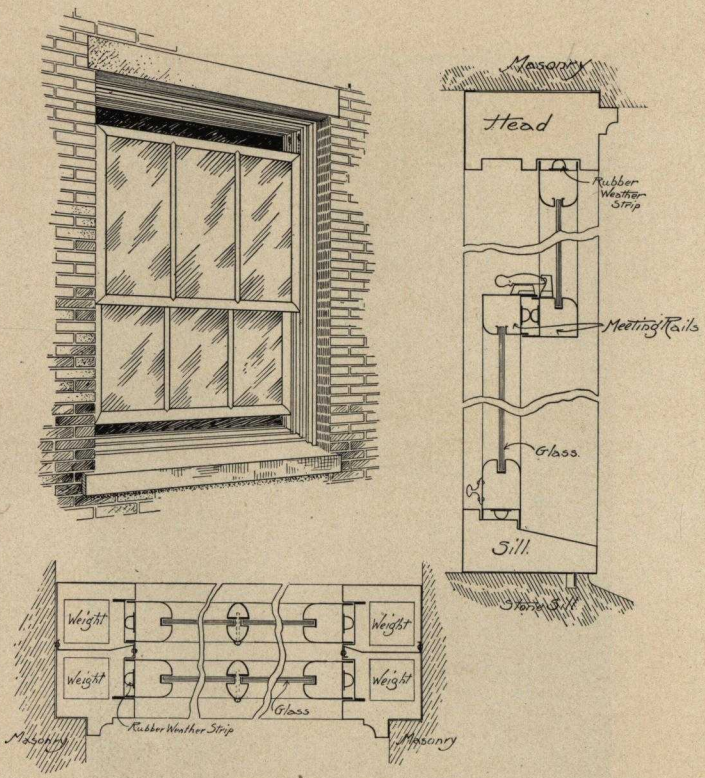


HAMILTON BUILDING
CHICAGO

Holibard & Roche, Architects Wells Bros Co., Contractors

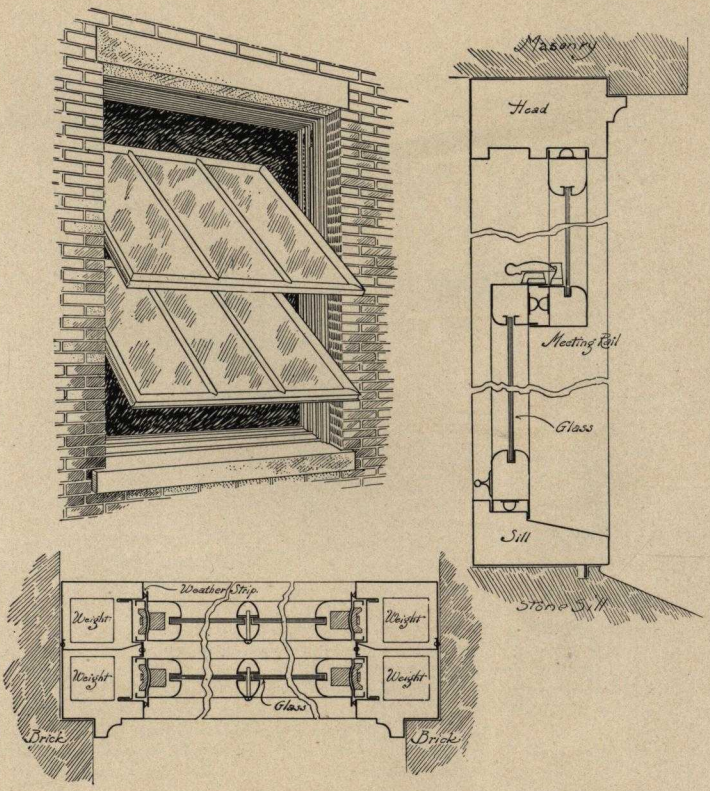
Automatic pivoted sash used throughout

WAREHOUSE FOR MARSHALL FIELD & CO.
CHICAGO
D. H. Burnham & Co., Architects



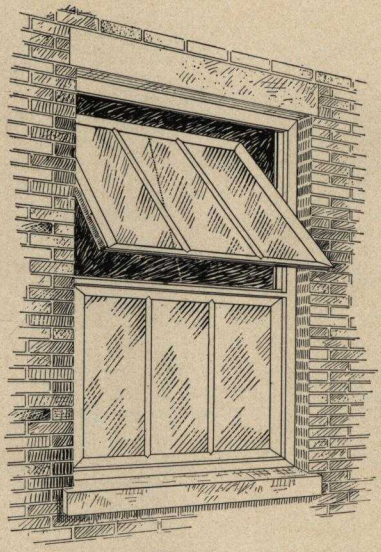
Style No. 1

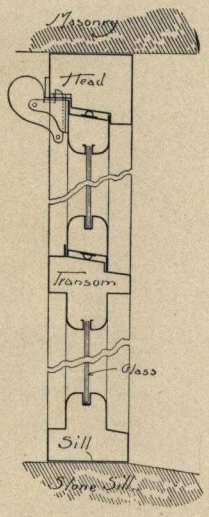
Regular Double Hung Window, sashes counterbalanced. Can also be equipped with automatic closing device.
Patents pending.

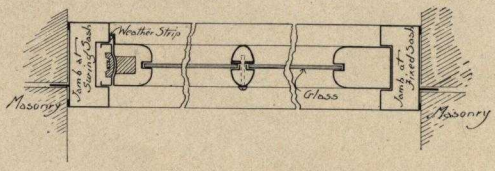


Style No. 2

Regular Double Hung Window, with sashes counterbalanced. Sashes also pivoted at the side to allow for cleaning or greater ventilation. Patents pending.

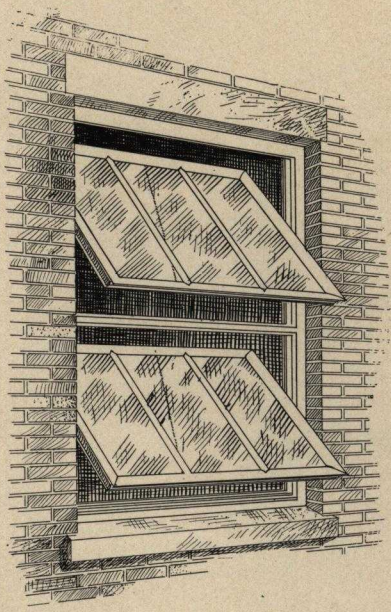


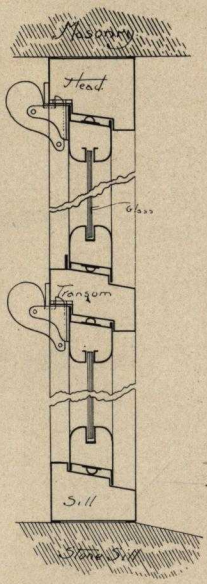


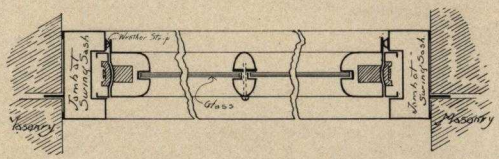


Style No. 3

Standard Window. Lower half stationary, upper half pivoted sash; automatic closing.
Patents pending.

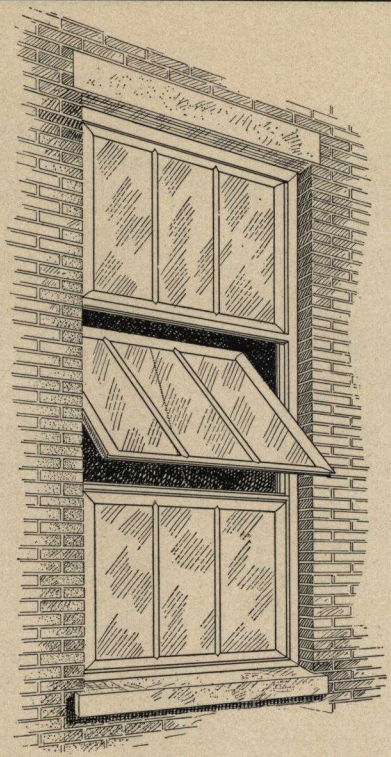






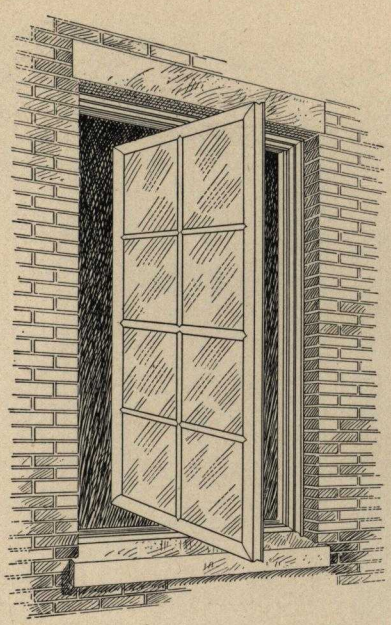
Style No. 4

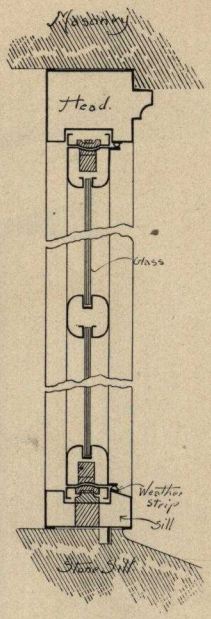
Standard Window. Both sashes pivoted; automatic closing. Patents pending.

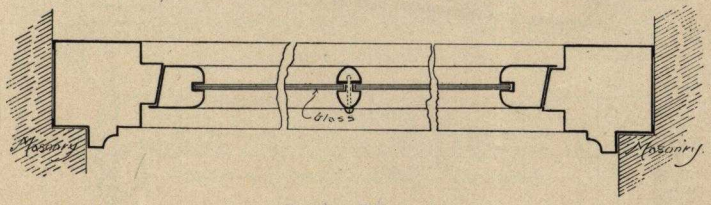


Style No. 5

Standard Window. Center sash pivoted, upper and lower portions stationary; automatic closing. Patents pending.

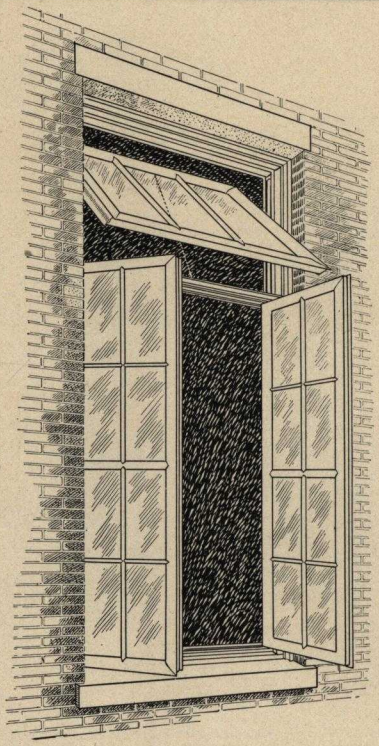


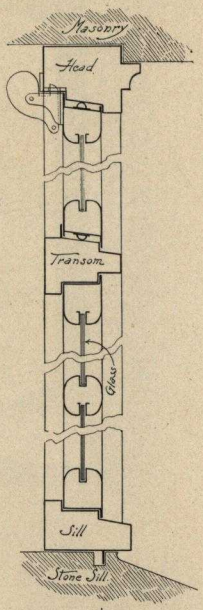


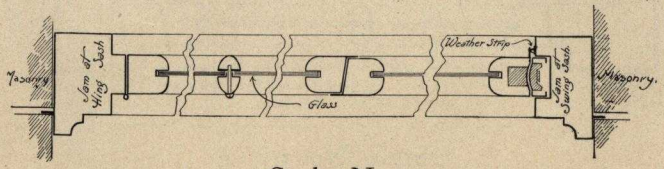


Style No. 6

Standard Window. Sash pivoted vertically. Patents pending.

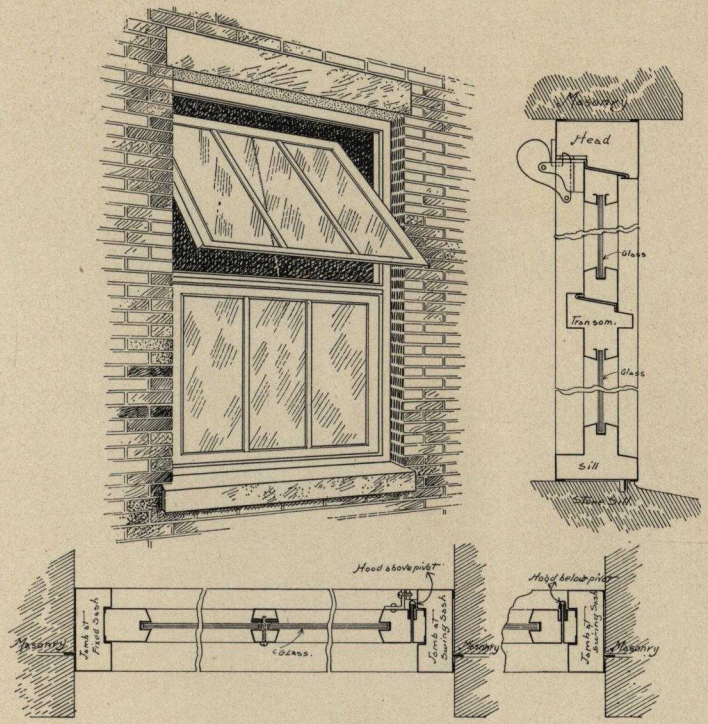






Style No. 7

Casement Window, with hinged sashes for use at fire escapes or other places where egress is required. Made with or without pivoted transom. Patents pending.



Style No. 8

Standard Window. Lower half stationary, upper half pivoted sash; automatic closing. Patented.

The above Style, No. 8, is of a different type of construction from other windows shown and is less expensive. It is accepted by the Board of Underwriters and is generally used in factories and warehouses.

Instructions for Taking Measurements

In ordering windows, be particular to give measurements as indicated by diagrams herewith.

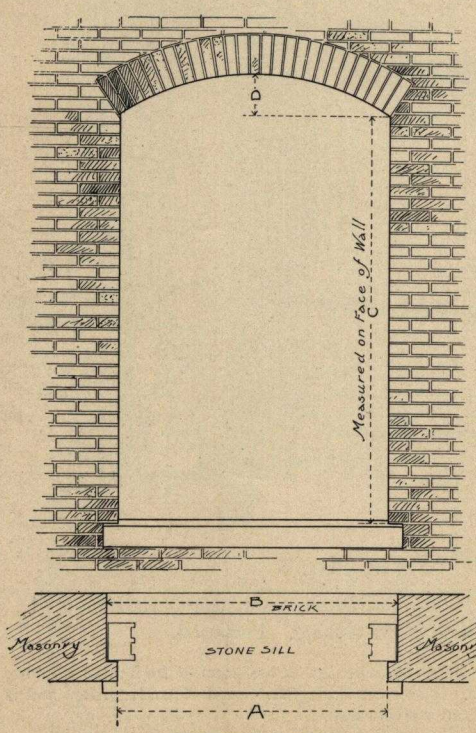
A—Outside opening of brick wall.

B—Inside opening of brick wall.

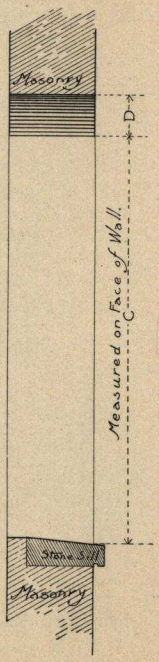
C—Height of brick opening on face of wall, from sill to spring of arch.

D—Height of arch.

Front Elevation



Horizontal Section



Vertical Section

All of our styles of windows can be made with either square, segmental or circular head.